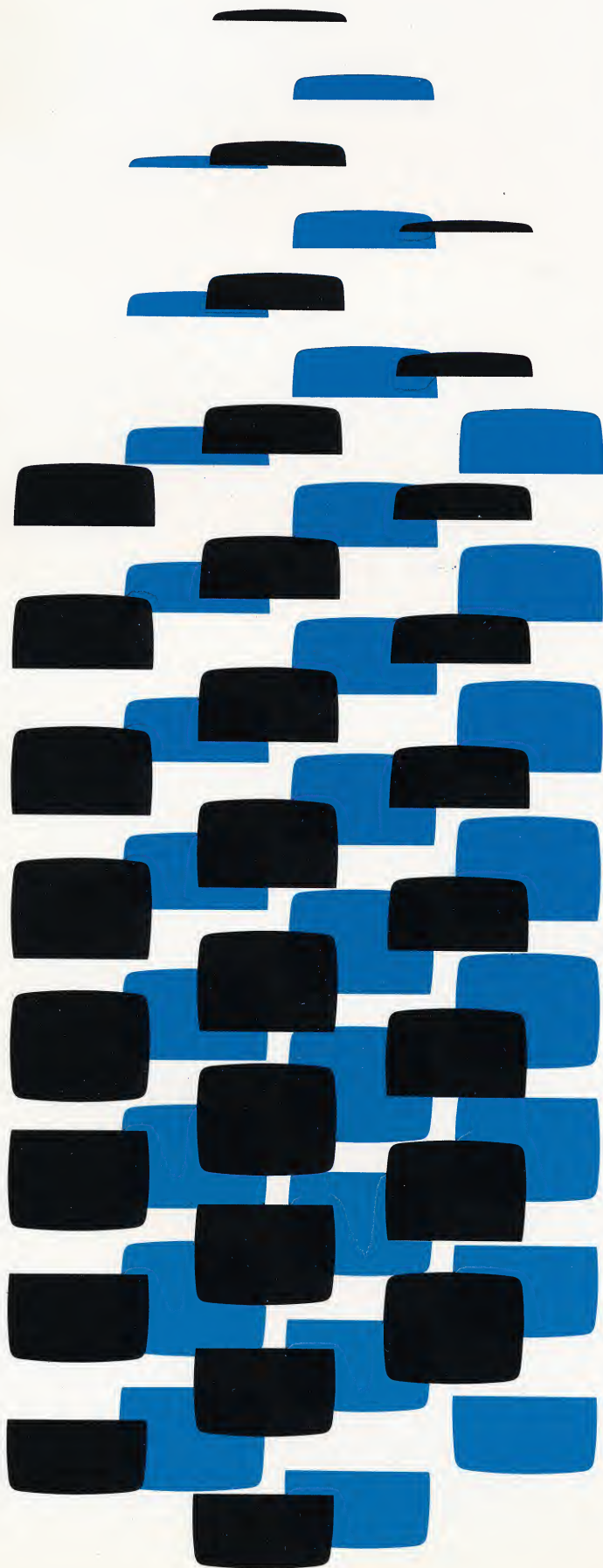


IBM

1970 Spring Joint Computer Conference



Interactive Terminal Facility (ITF)

The Interactive Terminal Facility makes time sharing possible on any IBM System/360 Model 25, 30, 40, 50, 65, 75, 85 or 195. It operates under either the Disk Operating System (DOS/360) or the Operating System (OS/360).

The languages used, ITF-BASIC and ITF-PL/I, are easily learned and easily applied to a wide range of problem solving applications. In addition, ITF-PL/I can be used in a “desk calculator” mode of operation.

At the low entry level — core storage as low as 49,152 bytes — ITF will support 10 to 12 terminals. With additional core storage, it will support up to 31 terminals.

ITF and the ITF languages are IBM program products available through license agreements.

IBM 2721 Portable Audio Terminal

The 2721 terminal makes any telephone your personal hotline to a computer. With this low-cost, portable terminal, you can communicate with most models (25 thru 85 except 44 and 67) of System/360 and receive immediate spoken replies from the IBM 7770 Audio Response Unit. The 2721 can be used for data collection, data entry and inquiry.

2721 runs on self-contained nickel-cadmium batteries, or you can plug it into any 110-volt AC line. The computer response can be directed through the unit's speaker or through an earphone, which keeps your messages confidential.

The basic 60-position keyboard of the 2721 can easily be adapted for individual applications by using custom keyboard overlays.

The IBM 2721 comes with its own sturdy, luggage style carrying case with a detachable cover. There's storage space for power cord, earphone, customized keyboard overlays and the acoustic coupler. The whole unit weighs less than 10 pounds.

IBM System/3 with BSCA

Less than a year ago, IBM introduced System/3, an economical, stored-program data processing system with versatile data handling capabilities and an innovative design.

Now, System/3 is available with the Binary Synchronous Communications Adapter (BSCA) which lets it "talk" to System/360s operating under either DOS/360 or OS/360. It can also communicate with System/360 Model 20, another System/3 or share a network with other IBM binary synchronous terminals.

System/3 uses RPG II, an easy-to-learn, easy-to-use programming language. A special telecommunications feature lets the programmer treat BSCA as just another input/output device.

System/3 with BSCA uses either EBCDIC or ASCII code and operates over leased or private lines, or on a dial-up basis over common carrier lines. Data rates range from 600 to 4,800 bits per second over voice grade lines and up to 50.0 kilobaud over wideband lines.

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